



# (Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

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## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Baridiha, Block – Nath Nagar, Distt. – Sant Kabir Nagar

Drilling Depth (m) : 160.00 mbgl as reported by Driller

Logged Depth (m) : 158.10 mbgl

Date of Logging : 05.06.2023

Types of Log : ~~S.P.~~, Resistivity (Normal) & Natural Gamma

Logger Used : Robertson Geologging.,

Bore Hole Drilled by: Jackson-Vishvaraj-JV,

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Quality & Types of Strata	$R_{mf}$ & $R_w$
<del>1</del>	30 – 34	4	Good	<del><math>R_{mf} = 19.53 \Omega m</math></del>
<del>2</del>	38 – 44	6	Good	<del><math>R_w = 17.00 \Omega m</math></del>
<del>3</del>	50 – 64	14	Good	
<del>4</del>	70 – 74	4	Good	
<del>5</del>	120 – 130	10	Good	
<del>6</del>	132 – 138	6	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.

2. No proper granular zones encountered below 138 mbgl to till depth logged.

Verified as per  
logs provided.

gsh  
06/06/23

